King County

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

KING COUNTY

Signature Report

September 5, 2018

FCD Resolution FCD2018-07

Proposed No. FCD2018-07.1 **Sponsors**

A RESOLUTION relating to the operations and finances of the King County Flood Control Zone District; authorizing the expenditure of District funds for projects and activities in Water Resource Inventory Areas 7 (Snoqualmie Watershed portion), 8, 9 and 10 (King County portion).

WHEREAS, the King County Flood Control Zone District's comprehensive plan prioritizes expanded partnerships and collaborations with watershed forums], and

WHEREAS, the King County Flood Control Zone District's comprehensive plan emphasizes the consideration of fish and wildlife habitat when managing flood risk, and

WHEREAS, the King County Flood Control Zone District ("the District") seeks to protect public safety and promote the recovery of native salmon species, and

WHEREAS, the District adopts an annual work program, budget, operating budget for King County, capital budget and six-year capital improvement program pursuant to chapter 86.15 RCW, and

WHEREAS, the District desires to continue funding watershed resource inventory area ("WRIA") activities and projects that are identified using a process for awarding WRIA grants in which the WRIA forums made grant recommendations to the District and the King County water and land resources division administers the grant processes, and

WHEREAS, in establishing the District's 2018 budget, the District provided $4,390,296 in funding for projects and activities in WRIAs 7 (Snoqualmie Watershed portion), 8, 9 and 10 (King County portion);

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:

SECTION 1. A. The Board authorizes the funding of water quality and water resources and habitat restoration projects and activities as follows:

1. WRIA 7 (Snoqualmie Watershed portion) - $898,790;
2. WRIA 8 - $1,765,812;
3. WRIA 9 - $1,746,308; and
4. WRIA 10 (King County portion) - $232,807.

B. The amounts listed in subsection A. of this section are in accordance with the

projects, grant recipients and individual grant amounts described in Attachment A to this resolution.

FCD Resolution FCD2018-07 was introduced on and passed by the King County Flood Control District on 9/4/2018, by the following vote:

Yes: 9 - Mr. von Reichbauer, Mr. Gossett, Ms. Lambert, Mr. Dunn, Mr. McDermott, Mr. Dembowski, Mr. Upthegrove, Ms. Kohl-Welles and Ms. Balducci
No: 0
Excused: 0

KING COUNTY FLOOD CONTROL ZONE DISTRICT
KING COUNTY, WASHINGTON

Reagan Dunn, Chair

ATTEST:

Melani Pedroza, Clerk of the Board

METROPOLITAN KING COUNTY COUNCIL
King County Washington

Attachments: A. 2018 Cooperative Watershed Management Grants

ATTACHMENT A: 2018 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
SNOQUALMIE WATERSHED IN WRIA 7						
7	2018 Snoqualmie Restoration and Project Assistance Program	Snoqualmie Watershed Forum	The 2019 Snoqualmie Restoration and Project Assistance Program is an ongoing effort managed and delivered by the Snoqualmie Watershed Forum staff to maximize success in implementing the 2005 Snohomish River Basin Salmon Conservation Plan (Salmon Plan) in the King County portion of WRIA 7. The program will (1) assist project implementers in identifying, developing and advancing high priority habitat projects, water quality improvement and planning efforts, (2) conduct Forum-led project coordination activities, and (3) support regional watershed management through policy and technical coordination.	$26,410	$120,000	**$120,000**
7	2019 Snoqualmie River Juvenile Salmon Outmigration Monitoring	Tulalip Tribes	The project seeks to continue the annual monitoring of juvenile salmon outmigration in the Snoqualmie River Basin utilizing a rotary screw trap located at river mile 12.2 on the Snoqualmie River. This project is a part of the overall Snohomish Basin juvenile salmon out migration monitoring effort which began in 2001 and which provides ongoing status, trends and abundance monitoring needed to support run forecasting, and is a quintessential indicator of successful salmon recovery monitoring in the Snohomish Basin.	$33,000	$60,000	**$ 60,000**
7	Tolt San Souci Construction	King County	The King County Flood Control district has been active in the San Souci Neighborhood for many years, supporting acquisitions in the neighborhood to remove people from a flood hazard area and identifying floodplain restoration through the Tolt River Capital Investment Strategy. This grant will restore off-channel habitat and habitat-forming process along the Tolt River by allowing unconstrained processes to act on more than 60 acres of the Tolt River floodplain. This grant will help fund the removal of a 375 foot illegal rubble levee and all associated infrastructure in the former San Souci neighborhood on the left bank of the Tolt River at river mile four.	$290,732	$200,000	**$200,000**
7	Preston Mill Buffer Restoration	Mountains to Sound Greenway Trust	Mountains to Sound Greenway Trust will work with King County Parks and other partners and volunteers to restore riparian habitat adjacent to the Raging River on the 22-acre King County Preston Mill Park, which includes 1,060 linear feet of Raging River frontage. The work will control invasive weeds and plant more than 5,000 native trees and shrubs across approximately 2.5 acres. This effort will build upon previous plantings completed in the area and help to establish a full 200-foot buffer within the 10 acre riparian are of the Raging River.	$28,500	$53,384	**$53,384**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
7	Tolt Watson Riparian Restoration	Sound Salmon Solutions	Sound Salmon Solutions will work with private landowners to remove invasive weeds and replant with native vegetation within the 100 year floodplain along the Tolt River. The project will blank buffers ranging from 80-225 feet along the right bank Tolt for 380 feet. Along a connected side channel the buffer widths will range from 25-80 feet along 450 feet.	$3,500	$28,889	$28,889
7	Bernard Memorial Park Restoration	Mountains to Sound Greenway Trust	Mountains to Sound Greenway Trust will partner with the Friends of Fall City to treat blackberry and knotweed on 2.7 acres along the confluence of the Raging and Snoqualmie Rivers. In conjunction with the invasive weed control the project will install 450 conifers and 1500 live stakes on approximately 2.7 acres of riparian area on the south bank of the Snoqualmie River.	$5,000	$22,876	**$22,876**
7	Tolt River Survey Phase II	Sound Salmon Solutions	This is the second phase of controlling knotweed and butterfly bush on the Tolt River. Through a top-down approach, Sound Salmon Solutions proposes to locate and control invasive butterfly bush and knotweed species through the mainstem, north, and south forks of the Tolt River. A minimum of 8-acres of invasive species will be controlled and 3-acres of riparian planting will be achieved. This work will continue the control work occurring at RM 10.6 – 3.5 and begin initial control from RM 3.5 – the confluence with the Snoqualmie River.	$8,800	$58,650	**$58,650**
7	Oxbow Knotweed Restoration	Oxbow Farm	Oxbow Farm and Conservation Center proposes to restore native riparian vegetation and educate local organizations, volunteers and the general public on different knotweed control methods and the negative impacts of invasive knotweed. The project will treat 1.7 acres (along 2,500' of Snoqualmie River) of knotweed and restore native riparian vegetation in those areas. The outreach portion of this project will engage and educate a large number of landowners, restoration professionals and citizens, providing information on the negative impacts of knotweed, ways to control the plant and approaches to restoration after control.	$34,513	$33,704	**$33,704**
7	Snoqualmie River Fish Screening Program, Phase 1	Snoqualmie Valley Watershed Improvement District	The Snoqualmie Valley Watershed Improvement District (SVWID) will work with Washington State Department of Fish and Wildlife to provide technical assistance to SVWID Snoqualmie River mainstem irrigators for assessment of existing fish screening materials and recommendations for implementation of best available science for fish protection and support of salmon restoration efforts. The Pilot Phase of the SVWID fish screening program assists current SVWID water bank participants with Fish screening best	$30,365	$48,106	**$48,106**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			management practices, while this phase, Phase 1 is focusing on expanding this assistance to all historic mainstem Snoqualmie River irrigators.			
7	Snoqualmie Valley Salmon Awareness	Sound Salmon Solutions	The Snoqualmie Valley Salmon Awareness Project will engage 5th grade classes within the Snoqualmie Valley in learning about the 6 Cs of salmon habitat – cool, clear, clean, connected, complex, and culture – through hands-on classroom activities and water and habitat quality field observations. Each class will utilize what they have learned and observed in a culminating project to create an outreach communication tool – video, brochure, display, craft, game, etc. – that will then be used at outreach evens at local farmer's markets, taken hoe to their families, and shared via social media and Sound Salmon Solutions website.	$10,092	$15,881	**$15,881**
7	Youth Watershed Education, Stewardship, and Citizen Science	Nature Vision	Nature Vision will work with fourteen classes of up to 350 students from schools in the Riverview and Snoqualmie Valley School Districts. The students will participate in education programs, field trips with restoration and citizen science projects with Nature Vision. Classes of 3rd – 12th grade students will become "Blue Teams" by completing an education based action project, and participating in data collection to improve salmon habitat and water quality.	$5,945	$33,545	**$33,545**
7	Tolt MacDonald Park Floodplain Restoration	Snoqualmie Tribe	The Snoqualmie Tribe, King County and local community will work together to re-establish 14 acres of forested floodplain habitat along the middle mainstem Snoqualmie River in a riparian area that's connected to the highest ranked priority reach for spawning Chinook salmon and utilized by other threatened and endangered salmonid species. Once an historic floodplain forest, the area will be revegetated with an estimated 20,000 native trees and shrubs that will provide long term shading/cooling, habitat diversity/complexity, flood attenuation and an opportunity to view healthy salmon and floodplain habitat on publicly managed land.	$51,876	$59,947	**$59,947**
7	Ames Creek Watershed Restoration Site Maintenance and Connectivity Project	Stewardship Partners	Stewardship Partners will perform riparian restoration site maintenance on five properties along 9,270 linear feet on Ames Creek and the mainstem Snoqualmie River. The average buffer width is about 35 feet. In conjunction with performing maintenance on the five properties, Stewardship Partners will outreach to 5 new landowners to encourage riparian restoration with the goal of creating a contiguous habitat corridor along a salmon bearing tributary.	$10,000	$53,911	**$53,911**

ATTACHMENT A: 2018 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
7	Snoqualmie River Juvenile Yearling Chinook Habitat Use and Distribution	King County Water and Land Resources	This project will evaluate juvenile yearling Chinook habitat use and distribution across the lower Snoqualmie River watershed. Juvenile Chinook surveys will be conducted across channel types, habitat types, seasons and day/night periods. This information will help to understand juvenile yearling Chinook habitat use and distribution, which will inform restoration and protection strategies.		$64,697	**$64,697**
7	Upper Snoqualmie Floodplain Restoration and Stewardship	King County Noxious Weeds	This project is a continuation of knotweed control project in the floodplain of the Snoqualmie River above the Falls. Since 2006, the King County Noxious Weed Control Program and the Snoqualmie Tribe have reduced knotweed impacts, protecting 756 acres of floodplain. Knotweed infestations in much of the project area are 95% reduced. With continued maintenance-level control, approximately 238 acres of the Upper Snoqualmie has potential for revegetation work. This project will implement multiple strategic plantings with large conifers to supplement natural regeneration, suppress secondary weeds and ensure knotweed control.	$55,000	$110,000	**$15,200**
7	Snoqualmie Riverbank Habitat Restoration and Stabilization at McCormick Park	City of Duvall	The City of Duvall has identified a portion of McCormick Park along the Snoqualmie River that has significantly eroded over the past ten (10) years impacting riparian and wildlife habitat. The project will identify the limits of work and support a planning effort that would include a feasibility study and analysis of the site, soils and impacts, with a conceptual design for future improvements.	$5,000	$30,000	**$30,000**
7	Meadowbrook Slough Phase 5	Mountains to Sound Greenway Trust	The Three Forks Natural Area – Meadowbrook Slough Restoration is the fifth and final phase of a multi-year restoration effort at the City of Snoqualmie' Three Forks Natural Area, and will expand upon work completed in partnership with the Mountains to Sound Greenway Trust and other during previous phases. Project work involves significant habitat restoration on 6 acres within a 150 foot buffer along the slough, removing and controlling invasive weeds and installing thousands of native trees and shrubs.		$66,625	**$0**
7	Stillwater Natural Area Riparian Restoration III	Sound Salmon Solutions	Sound Salmon Solutions proposes a third phase of riparian restoration at Stillwater Natural Area to extend an existing buffer 1,140 feet along the right bank of the Snoqualmie River, totaling 7-acres. The buffer will be the last effort to achieve a total buffer width of 1,890 feet.		$68,694	**$0**
			WRIA 7 Subtotals **Leveraged Funds total for recommended projects only*	$598,733	$1,128,909	**$898,790**

ATTACHMENT A: 2018 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
WRIA 7 NOTES: • Rationale for unfunded projects: Two projects in this funding round were ranked at the bottom and not seen as a priority for this year's funding round. • Rationale for partial funding: The one project recommended for partial funding was due to insufficient funds						
WRIA 8						
8	Riverbend Floodplain Restoration – Construction	King County	Reconnect the Cedar River to its floodplain and restore approximately 52 acres of floodplain habitat to benefit multiple salmon species. Reducing channel confinement and connecting the river to the floodplain will also provide flood storage and conveyance benefits.	$8,275,000	$1,000,000	**$766,259**
8	Lower Issaquah Creek Stream and Riparian Restoration – Design	City of Issaquah	Complete final design and gain permitting agency approval for a combination of instream and riparian habitat restoration features, focusing on off-channel and backwater habitat for use by Chinook salmon and other salmon species along Issaquah Creek.	$130,880	$120,000	**$120,000**
8	Lower Taylor Creek Restoration Final Design and Permitting	Seattle Public Utilities	Complete 90% design and permitting for the Lower Taylor Creek Project, which will provide rearing and refuge habitat for juvenile Chinook salmon out-migrating from the Cedar River. The future project will restore the creek mouth, delta, shoreline and lower channel of Taylor Creek.	$1,292,000	$400,000	**$100,000**
8	NE 95th Street Restoration on Bear Creek Construction	City of Redmond	Install four log jams with associated backwater alcoves on both banks of a 300-foot reach of Bear Creek, along with 1.4 acres of riparian planting. This project expands on similar work being implemented immediately upstream associated with a future bridge replacement project.	$51,500	$143,490	**$143,490**
8	Bear Creek Little Bit Restoration Design	King County	Initiate the design process for a project to enhance fish habitat on approximately 650 lineal feet of Bear Creek adjacent to previous habitat restoration projects. The future project will increase off-channel habitat for juvenile salmonids and increase overall habitat quality.	$40,000	$174,105	**$128,000**
8	Lakeside Parcel Restoration at Lake Sammamish State Park	Mountains to Sound Greenway Trust	Conduct an invasive weed survey and initiate weed control and revegetation along 1,100 linear feet of Issaquah Creek on a 5.32-acre parcel adjacent to Lake Sammamish State Park.	$10,000	$56,363	**$56,363**
8	Cedar River Stewardship-in-Action	Forterra	Continue the multi-year effort to control knotweed along the Cedar River downstream of Landsburg Dam and implement revegetation projects with private landowners, focusing on planting conifers in suitable locations.	$50,000	$149,036	**$75,000**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
8	Issaquah Creek Basin Riparian Restoration	Mountains to Sound Greenway Trust	Continue the multi-year project to remove knotweed (and other invasive species) and reforest the riparian zone of Issaquah Creek and its tributaries. This work will take place primarily on private land and, in addition to habitat improvement, will educate landowners on the importance of healthy waterways for salmon recovery.	$5,000	$75,889	**$25,000**
8	Adult Chinook (Fish In) Monitoring	King County	Collect escapement data for spawning adult Chinook in WRIA 8. The project is part an ongoing, annual, inter-agency effort to support long-term monitoring of the effectiveness of the WRIA 8 Chinook Salmon Conservation Plan.	$2,160	$55,072	**$55,072**
8	Juvenile Salmon (Fish Out) Monitoring	Washington Dept. of Fish and Wildlife	Trap and tag juvenile fish in WRIA 8 and assess Chinook abundance, productivity, survival, and life-history diversity. This information allows WRIA stakeholders to evaluate the success of and adaptively manage the WRIA 8 Chinook Salmon Conservation Plan.		$244,928	**$244,928**
8	Beach Naturalists	Seattle Aquarium	Engage Puget Sound citizens in learning how to protect and conserve the nearshore environment and motivate behavioral change by raising public understanding about the value of the intertidal ecosystem, salmon, the nearshore, and Puget Sound.		$13,200	**$13,200**
8	Cedar River Salmon Journey	Seattle Aquarium	Provide opportunities for local residents to see salmon and to learn about how personal choices affect them. Education is specifically provided on Cedar River salmon, watershed health, and everyday actions needed to support salmon and their habitats.	$61,045	$38,500	**$38,500**
8	Sammamish River Riparian Restoration Coalition Strategy	Forterra	To accelerate and support habitat restoration efforts along the Sammamish River and tributaries, establish a coalition to develop a strategy, timeline, cost estimates, and prioritized project list for future planting projects.		$28,494	**$0**
8	Evaluating Floating Treatment Wetlands	University of Washington	Install floating treatment wetlands in the Sammamish River to determine which invertebrate species and which fish species use the wetlands and identify whether the installations provide water quality improvement.		$75,568	**$0**
			WRIA 8 Subtotals **Leveraged Funds total for recommended projects only*	$9,917,585	$2,574,645	**$1,765,812**

WRIA 8 NOTES:

- Rationale for unfunded projects:

Two proposals are not recommended for funding in this grant cycle. Both ranked at the bottom of their respective funding category due to technical and readiness issues, and the WRIA 8 Project Subcommittee determined limited funds should be applied to higher priority projects in this competitive funding year.

ATTACHMENT A: 2018 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
• Rationale for partial funding: Five projects are recommended for partial funding. WRIA 8 received applications requesting far more funding than what was available in this grant cycle, and given the quality of the proposals received and the interest of the WRIA 8 Project Subcommittee to advance as much priority work around the watershed as possible, the recommendations include some partial awards. WRIA 8 takes into account the ability of project sponsors to scale or phase their work when issuing partial funding recommendations.						
WRIA 9						
9	Downey Farmstead Restoration – Phase IV Habitat Creation	City of Kent	The City of Kent will construct nearly 2,000 LF of side channel to the Green River to provide rearing and refuge habitat for threatened Chinook and other salmon species. The project will also provide 130-acre feet of flood storage to reduce flooding in nearby areas and plant hundreds of shade-producing native trees along a one-half mile stretch of river where temperature loading is a critical issue.	2,356,856	780,000	**780,000**
9	Changing Behaviors: Improving Watershed Health and Salmon Habitat Through Education and Outreach	Environmental Science Center	The Environmental Science Center will increase public awareness of watershed health and salmon habitat protection with curriculum, field studies, educational outreach, and community events. This project will encourage people in WRIA 9 to make positive behavior changes to improve water quality of Puget Sound and protect salmon habitat.	15,000	30,000	**30,000**
9	Green Duwamish Student Stewards Program	Mid Sound Fisheries Enhancement Group	Mid Sound Fisheries Enhancement Group proposes to add a new stewardship element to Sustainability Ambassadors' already successful problem-based environmental education program in the Green Duwamish River watershed to connect school teachers and students in the program directly to priority riparian salmon habitat restoration sites near their schools. The objectives are to: a) engage local youth in salmon projects in their communities to both serve as a science and math learning opportunity; and b) develop engaged communities committed to salmon habitat stewardship.	30,000	50,000	**50,000**
9	Green River Riparian Improvement Project	Forterra	Forterra and the King County Noxious Weed Control Program (KCNWCP) propose to expand on previous, successful efforts to enhance the functions of riparian buffers on the lower Green River controlling invasive species that threaten existing healthy vegetation and planting diverse native plant communities on private lands. In addition, a public outreach campaign will forge new relationships within the residential community living along the river in Auburn to encourage community-based stewardship in critically important natural and cultural resource areas.	49,850	49,877	**49,877**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	Lowman Beach Park Seawall Removal and Shoreline Restoration	Seattle Parks and Recreation	Funding will be used to complete the design and permitting for the removal of the failing seawall and beach restoration at Lowman Beach Park. The purpose is to recreate the natural sloping beach with large wood and native vegetation to provide marine nearshore habitat for migratory juvenile Chinook salmon.	150,000	150,000	**150,000**
9	McSorley Creek Shoreline and Pocket Estuary Restoration Design	King County Water and Land Resources	This grant is intended to cover King County staff time for review of technical documents, review of design, participating in permitting, and project management associated with final design, as well as all monitoring and reporting associated with cultural resources requirements for the shoreline and pocket estuary restoration project at Saltwater State Park. The objectives of the restoration project are to remove bulkhead along the lower portion of McSorley Creek and the marine shoreline and recreate the pocket estuary that would have been there historically.	931,000	220,000	**220,000**
9	Green River Smolt Monitoring 2019	Washington Department of Fish and Wildlife	WDFW requests funds to operate a smolt trap capturing downstream migrating juvenile salmon in the Green River. This ongoing monitoring project has provided essential abundance, productivity and life history diversity data on salmonids, including ESA-listed Chinook salmon and steelhead trout, since 2000.		40,000	**40,000**
9	Middle Soos Creek Habitat Improvement Project	Green River Coalition	This project seeks to improve important native salmon spawning, refuge and rearing habitat along the Soos Creek Park trail corridor. Work will include designing a planting plan, removing unwanted invasive vegetation, planting native vegetation, and reaching out to local landowners and trail users on how to maintain this area as future local stewards.	5,000	50,000	**50,000**
9	Juvenile Chinook Use of Recently Completed and Upcoming Habitat Projects in WRIA 9.	King County Water and Land Resources	The intent of this project is twofold: First, to examine juvenile Chinook habitat use in areas slated for upcoming restoration to provide baseline fish use data and help measure post-project success. Secondly, to examine juvenile Chinook habitat use in recently completed restoration projects to assess their effectiveness and guide adaptive management and future projects..		30,000	**30,000**
9	Seattle Aquarium Beach Naturalist Program	Seattle Aquarium	The Beach Naturalist program is a public education and outreach program designed to engage Puget Sound citizens in learning how to protect and conserve the nearshore environment. Beach Naturalists seeks to motivate behavioral change by raising public understanding about the value and fragility of the intertidal ecosystem, salmon, the nearshore and Puget Sound.		21,000	**21,000**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	Assessment of Sediment Contamination in Restored Duwamish River Habitat	King County Water and Land Resources	This project will collect Duwamish River sediment samples at Duwamish Gardens, North Winds Weir and Cecil B. Moses and analyze them for contaminants. The chemistry results will be evaluated for potential harm to benthic invertebrates and provide context on relative sources of contamination (i.e. Duwamish River vs Lower Green River).		35,000	**35,000**
9	Tukwila Community Center Shoreline Restoration	EarthCorps	This project will provide restoration activities on 25,500 square feet at the Tukwila Community Center, including installing and maintaining shade plantings along 1,000 linear feet on the Duwamish River in a highly visible location. EarthCorps will activate young adult crews and community stewards to do this work and maintain a previously planted Re-Green site nearby.	27,200	50,000	**50,000**
9	Tukwila's "Green the Green" Shoreline Revegetation Project, Phase 2	City of Tukwila	The City of Tukwila requests funding to provide two years of maintenance for two in-progress restoration sites along the Green River in Tukwila. Together, the restoration sites are shown as a combination of "critical", "high" and "medium" need areas in the Riparian Aspects Map.	124,519	50,000	**50,000**
9	Vashon Forage Fish and Beach Monitoring	Vashon Nature Center	The Vashon Nature Center is partnering with King County, Washington Department of Natural Resources, University of Washington, Vashon schools and community to coordinate a comprehensive citizen science program that monitors King County's beach restoration projects and forage fish on up to 5 different beach sites on Vashon-Maury Islands. Citizen science monitoring includes training of volunteers, supervised field data collection, and hands-on education about beach health and the importance of forage fish to a healthy Puget Sound.	8,500	15,000	**15,000**
9	WRIA 9 Capital Projects Implementation 2018	King County Water and Land Resources	Funding will support implementation of projects and programs in the Green/Duwamish and Central Puget Sound watershed, including development of project funding strategies, technical support for project development and grants, and solicitation of new projects. This function supports the resources and tools needed for capital improvement implementation.	60,000	141,300	**141,300**
9	WRIA 9 Salmon Habitat Plan Communications and Outreach 2018	King County Water and Land Resources	This grant will support production of the WRIA 9 Salmon Habitat Plan and outreach and education efforts. Production support will include an editor and production.	50,000	34,131	**34,131**

ATTACHMENT A: 2018 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			WRIA 9 Subtotals	3,807,925	1,746,308	**1,746,308**
WRIA 10						
10	Greenwater Phase 4 Design	South Puget Sound Salmon Enhancement Group	Restore river processes to benefit to adult spawning and juvenile rearing salmon populations on the Greenwater River. Funds will be used to conduct riparian and wood loading studies, and complete conceptual design alternative analysis of nine project alternatives on Muckleshoot Federal Lands to prescribe restoration treatments to address factors limiting salmon habitat, water quality, and floodplain connectivity.	$2,000	$85,000	**$85,000**
10	White River Juvenile Salmon Production Assessment	Puyallup Tribe	This project will monitor the outmigration of juvenile salmon on the White River to establish abundance estimates, run timing and biological characteristics of ESA listed salmon species, Chinook and Steelhead. This is a continuation of work done under CWM grants from 2014- 2017.	$43,500	$183,301	**$147,807**
			WRIA 10 Subtotals	$45,500	$268,301	**$232,807**
WRIA 10 NOTES: • WRIA 10 received two applications, both reviewed and scored for match to strategy, and socioeconomic goals by TAG and CAC committees. 2018 funding requests exceeded allocated basin funds so one project was given a partial award.						
			ALL CWM TOTALS	$14,369,743	$5,718,163	**$4,643,717**